

INFORMATION DISCLOSURE CITATION
BY APPLICANT

Applicant

Igor Y. Botvinnik

Filing Date

February 9, 2004

Group Art Unit

1724
~~Unknown~~

U.S. PATENTS

Examiner Initial	Patent Number	Issue Date	Name	Class	Subclass	Filing Date
R.L.C.	1,791,338 A	2/3/1931	Wintermute			4/12/1927
	1,869,335 A	7/26/1932	Day			12/13/1926
	2,327,588 A	8/24/1943	Bennett			6/1/1940
	2,359,057 A	9/26/1944	Skinner			2/28/1942
	2,509,548 A	5/30/1950	White			5/27/1948
	2,949,550 A	8/16/1960	Brown			7/3/1957
	3,018,394 A	1/23/1962	Brown			7/3/1957
	3,026,964 A	3/27/1962	Penney			5/6/1959
	3,518,462 A	6/30/1970	Brown			8/21/1967
	3,581,470 A	6/1/1971	Aitkenhead et al.			12/30/1969
	3,638,058 A	1/25/1972	Fritzius			6/8/1970
	3,744,216 A	7/10/1973	Halloran			8/7/1970
	3,981,695 A	9/21/1976	Fuchs			11/2/1973
	3,984,215 A	10/5/1976	Zucker			1/8/1975
	4,052,177 A	10/4/1977	Kide			3/1/1976
	4,092,134 A	5/30/1978	Kikuchi			6/3/1976
	4,138,233 A	2/6/1979	Masuda			6/16/1977
	4,209,306 A	6/24/1980	Feldman et al.			11/13/1978
	4,227,894 A	10/14/1980	Proynoff			10/10/1978
	4,231,766 A	11/4/1980	Spurgin			12/11/1978
	4,232,355 A	11/4/1980	Finger et al.			1/8/1979
	4,244,710 A	1/13/1981	Burger			5/9/1978
	4,244,712 A	1/13/1981	Tongret			3/5/1979
	4,253,852 A	3/3/1981	Adams			11/8/1979
	4,259,452 A	3/31/1981	Yukuta et al.			5/15/1979
	4,266,948 A	5/12/1981	Teague et al.			1/4/1980
	4,282,014 A	8/4/1981	Winkler et al.			5/21/1979
R.L.C.	4,284,420 A	8/18/1981	Borysiak			8/27/1979

INFORMATION DISCLOSURE CITATION
BY APPLICANT

Applicant

Igor Y. Botvinnik

Filing Date

February 9, 2004

Group Art Unit

1724

~~Unknown~~

R. I. C.	4,318,718 A	3/9/1982	Utsumi et al.		7/14/1980
	4,342,571 A	8/3/1982	Hayashi		6/14/1978
	4,357,150 A	11/2/1982	Masuda et al.		2/5/1981
	4,386,395 A	5/31/1983	Francis, Jr.		12/19/1980
	4,413,225 A	11/1/1983	Donig et al.		7/17/1981
	4,445,911 A	5/1/1984	Lind		12/15/1981
	4,477,263 A	10/16/1984	Shaver et al.		6/28/1982
	4,496,375 A	11/29/1985	Le Vantine		6/14/1983
	4,502,002 A	2/26/1985	Ando		9/2/1982
	4,509,958 A	4/9/1985	Masuda et al.		10/8/1982
	4,516,991 A	5/14/1985	Kawashima		4/25/1982
	4,536,698 A	8/20/1985	Shevalenko et al.		8/25/1983
	4,587,475 A	5/6/1986	Finney, Jr. et al.		7/25/1983
	4,600,411 A	7/15/1986	Santamaria		4/6/1984
	4,601,733 A	7/22/1986	Ordines et al.		9/27/1984
	4,626,261 A	12/2/1986	Jorgensen		12/12/1985
	4,643,745 A	2/17/1987	Sakakibara et al.		12/17/1984
	4,659,342 A	4/21/1987	Lind		4/30/1984
	4,674,003 A	6/16/1987	Zylka		4/3/1985
	4,686,370 A	8/11/1987	Blach		2/13/1985
	4,689,056 A	8/25/1987	Noguchi et al.		8/29/1986
	4,694,376 A	9/15/1987	Gesslauer		9/26/1985
	4,713,093 A	12/15/1987	Hansson		7/8/1986
	4,713,724 A	12/15/1987	Voelkel		6/30/1986
	4,726,812 A	2/23/1988	Hirth		3/26/1987
	4,726,814 A	2/23/1988	Weitman		6/27/1986
	4,772,297 A	9/20/1988	Anzai		8/19/1986
	4,779,182 A	10/18/1988	Mickal et al.		6/24/1986
	4,781,736 A	11/1/1988	Cheney et al.		11/20/1986
R. I. C.	4,786,844 A	11/22/1988	Farrell et al.		3/30/1987

INFORMATION DISCLOSURE CITATION
BY APPLICANT

Applicant

Igor Y. Botvinnik

Filing Date

February 9, 2004

Group Art Unit

1724
~~Unknown~~

R.I.C.		4,789,801 A	12/6/1988	Lee			4/3/1987
		4,808,200 A	2/28/1989	Dallhammer et al.			11/12/1987
		4,811,159 A	3/7/1989	Foster, Jr.			3/1/1988
		4,940,470 A	7/10/1990	Jaisinghani et al.			3/23/1988
		4,941,068 A	7/10/1990	Hofmann			8/1/1988
		5,010,869 A	4/30/1991	Lee			8/11/1989
		5,024,685 A	6/18/1991	Torok et al.			6/30/1988
		Re. 33,927	5/19/1992	Fuzimura			9/15/1989
		5,141,529 A	8/25/1992	Oakley et al.			6/28/1990
		5,183,480 A	2/2/1993	Rateman et al.			10/28/1991
		5,196,171 A	3/23/1993	Peltier			3/11/1991
		5,215,558 A	6/1/1993	Moon			6/11/1991
		5,217,504 A	6/8/1993	Johansson			3/20/1990
		5,296,019 A	3/22/1994	Oakley et al.			8/24/1992
		5,302,190 A	4/12/1994	Williams			6/8/1992
		5,315,838 A	5/31/1994	Thompson			8/16/1993
		5,316,741 A	5/31/1994	Sewell et al.			5/30/1991
		5,378,978 A	1/3/1995	Gallo et al.			4/2/1993
		5,437,713 A	8/1/1995	Chang			12/1/1994
		5,484,472 A	1/16/1996	Weinberg			2/6/1995
		5,484,472 C1	2/20/2001	Weinberg			2/6/1995
		5,535,089 A	7/9/1996	Ford et al.			10/17/1994
		5,578,112 A	11/26/1996	Krause			6/1/1995
		5,601,636 A	2/11/1997	Glucksman			5/30/1995
		5,656,063 A	8/12/1997	Hsu			1/29/1996
		5,667,564 A	9/16/1997	Weinberg			8/14/1996
		5,669,963 A	9/23/1997	Horton et al.			12/26/1995
		5,698,164 A	12/16/1997	Kishioka et al.			3/30/1995
		5,702,507 A	12/30/1997	Wang			9/17/1996
R.I.C.		5,779,769 A	7/14/1998	Jiang			10/24/1995

INFORMATION DISCLOSURE CITATION
BY APPLICANT

Applicant

Igor Y. Botvinnik

Filing Date

February 9, 2004

Group Art Unit

1724

~~Unknown~~

<i>R. L. C.</i>		5,814,135 A	9/29/1998	Weinberg			9/15/1997
		5,879,435 A	3/9/1999	Satyapal et al.			1/6/1997
		5,893,977 A	4/13/1999	Pucci			5/12/1997
		5,911,957 A	6/15/1999	Khatchatrian et al.			10/23/1997
		5,972,076 A	10/26/1999	Nichols et al.			9/28/1998
		5,975,090 A	11/2/1999	Taylor et al.			9/29/1988
		5,997,619 A	12/7/1999	Knuth et al.			7/10/1998
		6,019,815 A	2/1/2000	Satyapal et al.			9/11/1998
		6,042,637 A	3/28/2000	Weinberg			9/28/1998
		6,063,168 A	5/16/2000	Nichols et al.			8/11/1997
		6,086,657 A	7/11/2000	Freije			2/16/1999
		6,118,645 A	9/12/2000	Partridge			4/6/1995
		6,126,722 A	10/3/2000	Mitchell et al.			7/28/1998
		6,126,727 A	10/3/2000	Lo			1/28/1999
		6,149,717 A	11/21/2000	Satyapal et al.			12/22/1998
		6,149,815 A	11/21/2000	Sauter			11/23/1999
		6,152,146 A	11/28/2000	Taylor et al.			6/25/1999
		6,163,098 A	12/19/2000	Taylor et al.			1/14/1999
		6,176,977 B1	1/23/2001	Taylor et al.			11/5/1998
		6,182,461 B1	2/6/2001	Washburn et al.			7/16/1999
		6,182,671 B1	6/6/2001	Taylor et al.			10/8/1999
		6,193,852 B1	2/27/2001	Caracciolo et al.			5/28/1997
		6,212,883 B1	4/10/2001	Kang			3/3/2000
		6,228,149 B1	5/8/2001	Alenichev et al.			1/20/1999
		6,252,012 B1	6/26/2001	Egitto et al.			8/30/1999
		6,270,733 B1	8/7/2001	Rodden			2/17/2000
		6,277,248 B1	8/21/2001	Ishioka et al.			1/5/2000
		6,282,106 B2	8/28/2001	Grass			12/20/2000
		D449,097 S	10/9/2001	Smith et al.			5/1/2000
<i>R. L. C.</i>		6,302,944 B1	10/16/2001	Hoenig			4/18/2000

**INFORMATION DISCLOSURE CITATION
BY APPLICANT**

Applicant

Igor Y. Botvinnik

Filing Date

February 9, 2004

Group Art Unit

1724

~~Unknown~~

R.L.C.		D449,679 S	10/23/2001	Smith et al.			5/1/2000
		6,309,514 B1	10/30/2001	Conrad et al.			11/7/1994
		6,312,507 B1	11/6/2001	Taylor et al.			2/12/1999
		6,315,821 B1	11/13/2001	Pillion et al.			1/11/2001
		6,328,791 B1	12/11/2001	Pillion et al.			5/3/2000
		6,348,103 B1	2/19/2002	Ahlborn et al.			4/3/1999
		6,350,417 B1	2/26/2002	Lau et al.			5/4/2000
		6,362,604 B1	3/26/2002	Cravey			9/28/1999
		6,372,097 B1	4/16/2002	Chen			4/14/2000
		6,373,723 B1	4/16/2002	Wallgren et al.			6/18/1999
		6,379,427 B1	4/30/2002	Siess			12/6/1999
		6,391,259 B1	5/21/2002	Malkin et al.			6/26/1997
		6,447,587 B1	9/10/2002	Pillion et al.			12/6/2001
		6,451,266 B1	9/17/2002	Lau et al.			9/25/2000
		6,464,754 B1	10/15/2002	Ford			2/29/2000
		6,471,753 B1	10/29/2002	Ahn et al.			10/29/2002
		6,504,308 B1	1/7/2003	Krichtafovitch et al.			10/14/1999
		6,544,485 B1	4/8/2003	Taylor			1/29/2001
		6,585,935 B1	7/1/2003	Taylor et al.			11/20/1998
		6,588,434 B1	7/8/2003	Taylor et al.			7/2/2002
		6,603,268 B2	8/5/2003	Lee			12/22/2000
		6,613,277 B1	9/2/2003	Monagan			6/18/1999
R.L.C.		6,632,407 B1	10/14/2003	Lau et al.			9/25/2000

U.S. PATENT PUBLICATIONS

Examiner Initial	Patent Application Publication Number	Publication Date	Applicant
R.L.C.	2001/0004046 A1	6/21/2001	Taylor et al.
	2001/0048906 A1	12/6/2001	Lau et al.
	2002/0069760 A1	6/13/2002	Pruette et al.
R.L.C.	2002/0079212 A1	6/27/2002	Taylor et al.

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(Substitute)

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Attorney Docket Number

SHPR-01436US0

Serial No. 10/774,579

~~CIP of 10/717,420~~INFORMATION DISCLOSURE CITATION
BY APPLICANT

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Filing Date

February 9, 2004

Group Art Unit

1724
~~Unknown~~

R. L. C.		2002/0098131 A1	7/25/2002	Taylor et al.
		2002/0100488 A1	8/1/2002	Taylor et al.
		2002/0122751 A1	9/5/2002	Sinaiko et al.
		2002/0122752 A1	9/5/2002	Taylor et al.
		2002/0127156 A1	9/12/2002	Taylor
		2002/0134664 A1	9/26/2002	Taylor et al.
		2002/0134665 A1	9/26/2002	Taylor et al.
		2002/0141914 A1	10/3/2002	Lau et al.
		2002/0144601 A1	10/10/2002	Palestro et al.
		2002/0146356 A1	10/10/2002	Sinaiko et al.
		2002/0150520 A1	10/17/2002	Taylor et al.
		2002/0152890 A1	10/24/2002	Leiser
		2002/0155041 A1	10/24/2002	McKinney, Jr. et al.
		2002/0170435 A1	11/21/2002	Joannou
		2002/0190658 A1	12/19/2002	Lee
		2002/0195951 A1	12/26/2002	Lee
		2003/0005824 A1	1/9/2003	Katou et al.
		2003/0196887 A1	10/23/2003	Lau et al.
		2003/0206837 A1	11/6/2003	Taylor et al.
		2003/0206839 A1	11/6/2003	Taylor et al.
R. L. C.		2003/0206840 A1	11/6/2003	Taylor et al.

PENDING U.S. PATENT APPLICATIONS

Examiner Initial		Application Number	Filing Date	Inventor	Petition to Expunge	
					Yes	No
R. L. C.		10/278,193	10/21/2002	Reeves		X
R. L. C.		10/405,193	4/1/2003	Taylor		X

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Publication Date	Country	Translation	
					Yes	No

FORM PTO-1449

(Substitute)

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Attorney Docket Number

SHPR-01436US0

Serial No. 10/774,579

~~OP of 10/717,420~~INFORMATION DISCLOSURE CITATION
BY APPLICANT

Applicant

Igor Y. Botvinnik

Filing Date

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Group Art Unit

1724

R.L.C.	WO00/10713 A1	3/2/2000	International	✓	
	WO 01/47803 A1	7/5/2001	International	✓	
	WO 01/48781 A1	7/5/2001	International	✓	
	WO01/64349 A1	9/7/2001	International	✓	
	WO01/85348 A2	11/15/2001	International	✓	
	WO02/20162 A2	3/14/2002	International	✓	
	WO02/20163 A2	3/14/2002	International	✓	
	WO02/30574 A1	4/18/2002	International	✓	
	WO02/32578 A1	4/25/2002	International	✓	
	WO02/42003 A1	5/30/2002	International	✓	
	WO02/066167 A1	8/29/2002	International	✓	
	WO03/009944 A1	2/6/2003	International	✓	
	WO03/013620 A1	2/20/2003	International	✓	
	EP 0433152 A1	12/10/1990	Europe	✓	
	FR 2690509	10/29/1993	France	✓	
	JP 10137007	5/26/1998	Japan	✓	
	JP 11104223	4/20/1999	Japan	✓	
R.L.C.	JP 2000236914	9/5/2000	Japan	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

R.L.C.	"Zenion Elf Device," drawing, prior art, undated.
	Electrical schematic and promotional material available from Zenion Industries, 7 pages, August 1990.
	Promotional material available from Zenion Industries for the Plasma-Pure 100/200/300, 2 pages, August 1990.
	Promotional material available from Zenion Industries for the Plasma-Tron, 2 pages, August 1990.
R.L.C.	LENTEK Sila™ Plug-In Air Purifier/Deodorizer product box copyrighted 1999, 13 pages.

EXAMINER

Richard L. Chiesa

DATE CONSIDERED

August 22, 2005

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Copies of foreign patent documents and non-patent literature are not submitted because they were submitted in prior application 10/717,420, filed November 19, 2003, and relied upon under 35 USC §120.